



*Expediting Development
and Commercialization of
Biomedical Discoveries*

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Flinn Foundation



Mission Statement:

Improving the quality of life in Arizona to benefit future generations

Established in 1965 by
Dr. And Mrs. Robert Flinn



History

- **1965-81:** Medical education, equipment, conferences/lecture series
- **1981-2002:** Access to healthcare, social services, health policy, GME, biomedical research
- **2002-present:** Biosciences



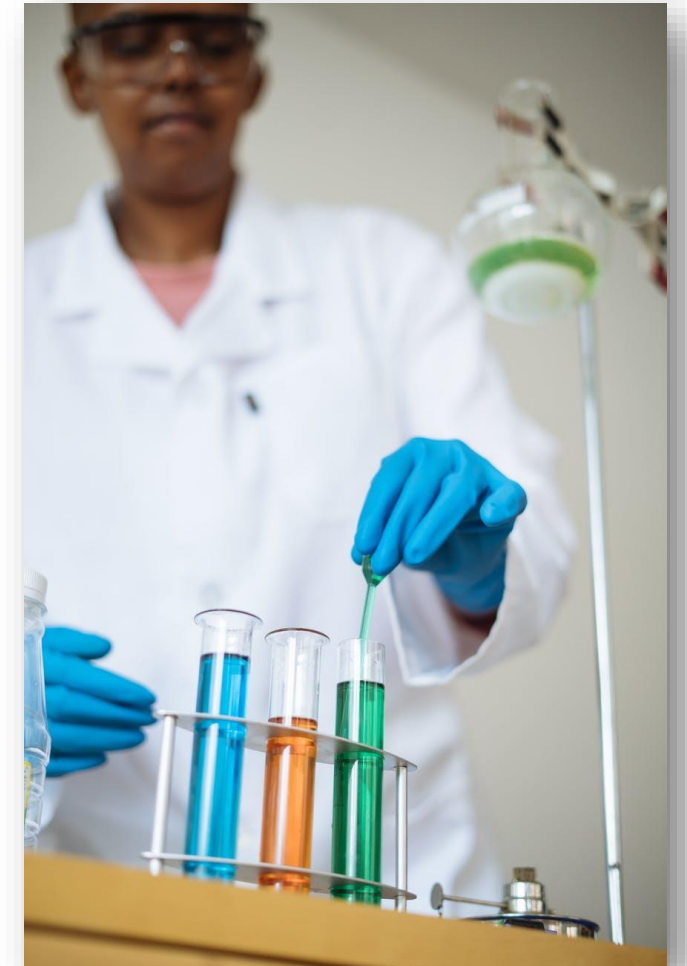
Strategic Plan



- 2002: Bioscience Roadmap
- 2012: Bioscience Roadmap Updated
- 2025 – Will be up for Review

Focus Areas

- Building critical mass bioscience and biomedical research talent;
- Promoting translational research linking laboratory, clinical research, and patient;
- Supporting development of partnerships and collaborations to commercialize research discoveries and attract new industry.



Key Bioscience Programs

- Bioscience Entrepreneurship Program



- Translational Research Grants Program

Bioscience Entrepreneurship Program

Goal #1: *Form a hub of bioscience entrepreneurs and new enterprises across Arizona*

(3 Strategies and 19 actions to accomplish this goal)

FLINN FOUNDATION
BIOSCIENCE 
ENTREPRENEURSHIP
 PROGRAM

Bioscience Entrepreneurship Program



Fostering Bioscience
Development in Arizona

- Medical Devices and Equipment
- Drugs, Pharmaceuticals and Diagnostics
- Agricultural Feedstock and Chemicals
- Research, Testing and Medical Labs
- Bioscience-related Distribution

Bioscience Entrepreneurship Program

Annual One-Year Program for Arizona-Based Companies

Online application and review process through
Survey Monkey Apply



Reviewer Panels - Application and Interview Committees



Select to 6 companies per year*

Competition Time Frame: 5 months

Annual Program Budget: \$223,500

Bioscience Entrepreneurship Program

Benefits



- \$30,000 / 12 months
- Mentor with relevant industry experience - personalized plan of action
- Bioscience Roadmap Steering Committee participation
- Arizona Bioindustry Association (AZBio) membership
- Programs, resources, and introductions
- Professional Development Fund (\$3500)
- Networking opportunities and events

Bioscience Entrepreneurship Program

Currently in Cycle



215 Applications



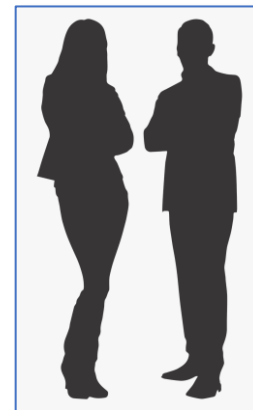
47 Companies in Program



3 Exits / Acquisitions



11 Companies led by Women



4 Companies Closed



 **GammaTile**[®]
Therapy

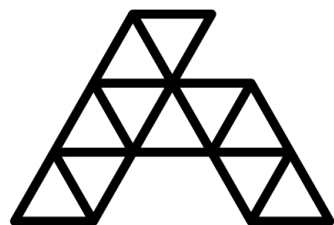
Surgically Targeted Radiation Therapy (STaRT)
for operable brain tumors

BRAIN METASTASES PATIENTS RECURRENCE FREE AT 1 YEAR



- FDA Clearance of original and expanded indication
- Raised over \$26 Million in Venture Capital
- GammaTile Therapy is in use by more than 25 top brain tumor centers across the United States
- Numerous local & national awards

2021 Companies Selected in February



**BOTANISOL
ANALYTICS**

LABPAIR



Satori
ORTHOPAEDICS



Paxauris

Annual Conference



2019 – In Person

- Opening Keynote: Fireside Chat with Venture Capitalist & Successful Entrepreneur
- Two Tracks:
 - Risk Capital – Four Firms Selected for Pitch/Strategy Critique
 - Entrepreneurship – Panel Discussions: Building a Board / Leveraging Resources
- Closing Keynote : Risk Capital Panel
- Networking Reception

Annual Conference



2020 – Virtual Conference (Two half-days)

Day 1: Entrepreneurship

- Opening and Closing Keynote Speakers
- Panel Discussions – FDA & Regulatory Pathways / Building a Leadership Team

Day 2: Risk Capital/Angel Investing

- Opening Keynote / Panel Interview on International Investments
- Panel Discussions – Three Angel Investment Groups hosting three concurrent breakout groups / topics
- Pitch Competition

Program Management

Dedicated Program Manager – Coordinates all aspects of programs with a focus on connecting and building community

Annual grant funding - \$180,000 / To date: \$1,175,000

Grant Administrator – Arizona BioIndustry Association, a 501C(6) organization

- Administers funding
- Reporting
- Resources
- Advises



Continuous Changes to Process

- Simplify application process (online)
- Application questions added, deleted and/or edited
- Extensive constructive feedback for firms
- Mentorship / Assessment of the business
- Extra funding for professional development
- Two separate review committees for additional expertise areas and diversity
- Extra resources for firms not chosen



Translational Seed Grant Program

Goal #3: *Increase the ability of research-performing institutions to turn bench research results into improved disease/illness prevention, detection, and treatment, plus bio-agriculture and industrial biotechnology products*

(3 Strategies and 12 actions to accomplish this goal)



Flinn Foundation Accelerator for Medical Technology
Seed Grants Program

Translational Seed Grant Program

Currently in

Year 6

Project Funded:



Funding To Date:



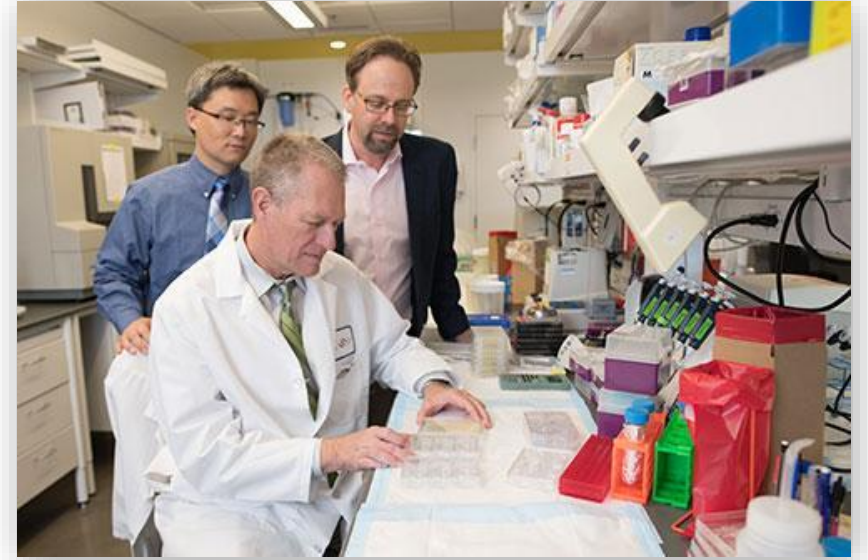
**BY
INVITATION
ONLY**

Translational Seed Grant Program

Original intent :

Opportunities for clinicians and scientists to collaborate

Today, collaborations are much more common



Flinn program is evolving to focus on the "translational" aspect of research - Supporting work that enables teams to transition research to licensing / entrepreneurship

New Model

Develop a program that is on par with the entrepreneurship program

**Translational Research
Seed Grants**



**Accelerator for Medical
Technology Grants**

More than just funding:

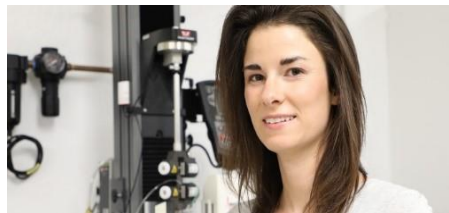
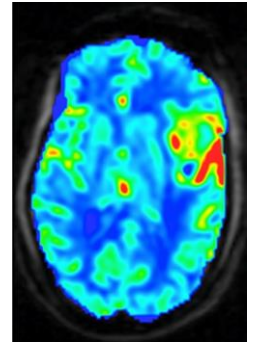
- Open RFP - Research Community, Az
- Mentorship
- Entrepreneurship Seminars
- Field trips
- Connections to BioPrepreneurs



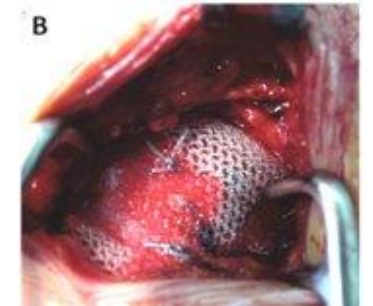
2019 Projects



Chad Quarles, PhD, Director Neuroimaging Research, Barrow Neurological Inst., *Establishing a real-time analysis plug-in for clinical perfusion imaging of brain tumors*
Collaborators: Vanderbilt University and Philips Healthcare



Julianne Holloway, PhD, Assistant Prof, Arizona State University
Designing biomimetic scaffolds with spatially controlled mineralization for augmenting rotator-cuff repair
Collaborator: Mayo Clinic



PI-Frank Tsai, MD, Oncology, Honor Health Research Institute
Virtual Reality Platform to Enhance Patient Health Literacy and Clinical Trial Informed Consent
Collaborators: University Arizona and Microsoft



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